

## **REMARKS**

Claims 1-20 are pending. Claims 1 and 14 have been amended. No new matter has been added. Claim 5 has been cancelled.

### **Objection to the Specification**

The Applicant has ordered the HPNA 2.0 reference to comply with the Examiner's objection. However, the reference has not yet arrived. The Applicant will forward the reference to the Examiner as soon as it arrives.

### **Allowed claims**

Applicant thanks Examiner for allowing claims 15-20.

### **Claim Rejections under 35 USC 102(e)**

The Examiner has rejected claims 1, 4, 10, and 14 as being anticipated by Yagil et al. (U.S. 2002/0019966) (hereinafter "Yagil"). Yagil filing date Jan. 31, 2001 occurred before Applicant's filing date of August 3, 2001. Applicant reserves the right to swear behind the reference at a later date.

Regardless, Applicant has amended independent claims 1 and 14 to incorporate the limitation that the "the bandwidth of the extended bandwidth signal includes more than one and one half copies of a spectrum of a 4 Million symbols per second (Mbaud) signal." As acknowledged by the Examiner, Yagil does not teach or suggest this limitation. (Office Action, page 7, paragraph 13).

Therefore, independent claims 1 and 14 and associated dependent claims 4 and 10 are not anticipated by Yagil under 35 U.S.C. 102(e).

**Claim Rejections under 35 USC 103(a)**

The Examiner has rejected claims 2, 3, and 11 as being obvious over Yagil. Applicant respectfully submits that since Yagil does not teach or suggest each and every limitation of independent claim 1, it cannot render obvious associated dependent claims 2, 3, and 11. Therefore, claims 2, 3, and 11 are not obvious over Yagil under 35 USC 103(a).

**SUMMARY**

Claims 1-20 are currently pending. In view of the foregoing amendments and remarks, Applicant respectfully submits that the pending claims are in condition for allowance. Applicant respectfully requests reconsideration of the application and allowance of the pending claims.

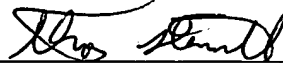
If the Examiner determines the prompt allowance of these claims could be facilitated by a telephone conference, the Examiner is invited to contact Tom Ferrill at (408) 720-8300.

**Deposit Account Authorization**

Authorization is hereby given to charge our Deposit Account No. 02-2666 for any charges that may be due. Furthermore, if an extension is required, then Applicant hereby requests such extension.

Dated: 10-25, 2005

BLAKELY, SOKOLOFF, TAYLOR  
& ZAFMAN LLP



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Thomas S. Ferrill  
Attorney for Applicant  
Registration No. 42,532

12400 Wilshire Boulevard  
Seventh Floor  
Los Angeles, CA 90025-1026  
(408) 720-8300